

Michigan Register

Issue No. 19– 2003 (Published November 1, 2003)



GRAPHIC IMAGES IN THE MICHIGAN REGISTER

COVER DRAWING

Michigan State Capitol:

This image, with flags flying to indicate that both chambers of the legislature are in session, may have originated as an etching based on a drawing or a photograph. The artist is unknown. The drawing predates the placement of the statue of Austin T. Blair on the capitol grounds in 1898.

(Michigan State Archives)

PAGE GRAPHICS

Capitol Dome:

The architectural rendering of the Michigan State Capitol's dome is the work of Elijah E. Myers, the building's renowned architect. Myers inked the rendering on linen in late 1871 or early 1872. Myers' fine draftsmanship, the hallmark of his work, is clearly evident.

Because of their size, few architectural renderings of the 19th century have survived. Michigan is fortunate that many of Myers' designs for the Capitol were found in the building's attic in the 1950's. As part of the state's 1987 sesquicentennial celebration, they were conserved and deposited in the Michigan State Archives.

(Michigan State Archives)

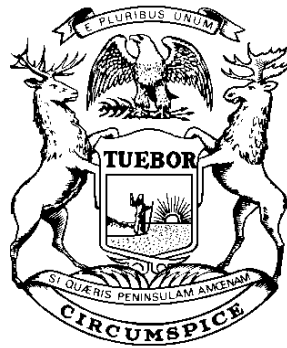
East Elevation of the Michigan State Capitol:

When Myers' drawings were discovered in the 1950's, this view of the Capitol – the one most familiar to Michigan citizens – was missing. During the building's recent restoration (1989-1992), this drawing was commissioned to recreate the architect's original rendering of the east (front) elevation.

(Michigan Capitol Committee)

Michigan Register

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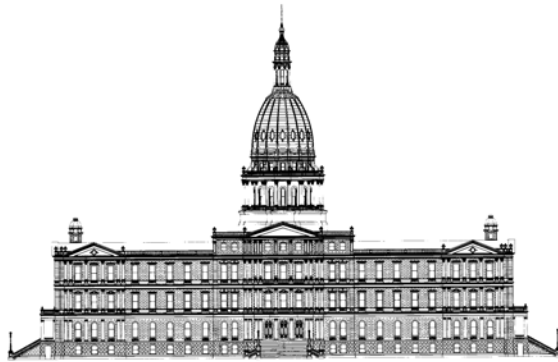
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Brian D. Devlin, Director, Office of Regulatory Reform; **Deidre O'Berry**, Administrative Assistant for Operations; **James D. Lance**, Administrative Assistant for Publications.

Jennifer M. Granholm, Governor



John D. Cherry Jr., Lieutenant Governor

PREFACE

PUBLICATION AND CONTENTS OF THE MICHIGAN REGISTER

The Office of Regulatory Reform publishes the *Michigan Register*.

While several statutory provisions address the publication and contents of the *Michigan Register*, two are of particular importance.

MCL 24.208 states:

Sec. 8 (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

- (a) Executive orders and executive reorganization orders.
 - (b) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills signed into law by the governor during the calendar year and the corresponding public act numbers.
 - (c) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills vetoed by the governor during the calendar year.
 - (d) Proposed administrative rules.
 - (e) Notices of public hearings on proposed administrative rules.
 - (f) Administrative rules filed with the secretary of state.
 - (g) Emergency rules filed with the secretary of state.
 - (h) Notice of proposed and adopted agency guidelines.
 - (i) Other official information considered necessary or appropriate by the office of regulatory reform.
 - (j) Attorney general opinions.
 - (k) All of the items listed in section 7(1) after final approval by the certificate of need commission or the statewide health coordinating council under section 22215 or 22217 of the public health code, 1978 PA 368, MCL 333.22215 and 333.22217.
- (2) The office of regulatory reform shall publish a cumulative index for the Michigan register.
 - (3) The Michigan register shall be available for public subscription at a fee reasonably calculated to cover publication and distribution costs.
 - (4) If publication of an agency's proposed rule or guideline or an item described in subsection (1)(k) would be unreasonably expensive or lengthy, the office of regulatory reform may publish a brief synopsis of the proposed rule or guideline or item described in subsection (1)(k), including information on how to obtain a complete copy of the proposed rule or guideline or item described in subsection (1)(k) from the agency at no cost.
 - (5) An agency shall transmit a copy of the proposed rules and notice of public hearing to the office of regulatory reform for publication in the Michigan register.

MCL 4.1203 states:

Sec. 203. (1) The Michigan register fund is created in the state treasury and shall be administered by the office of regulatory reform. The fund shall be expended only as provided in this section.

- (2) The money received from the sale of the Michigan register, along with those amounts paid by state agencies pursuant to section 57 of the administrative procedures act of 1969, 1969 PA 306, MCL 24.257, shall be deposited with the state treasurer and credited to the Michigan register fund.
- (3) The Michigan register fund shall be used to pay the costs preparing, printing, and distributing the Michigan register.
- (4) The department of management and budget shall sell copies of Michigan register at a price determined by the office of regulatory reform not to exceed cost of preparation, printing, and distribution.
- (5) Notwithstanding section 204, beginning January 1, 2001, the office of regulatory reform shall make the text of the Michigan register available to the public on the internet.
- (6) The information described in subsection (5) that is maintained by the office of regulatory reform shall be made available in the shortest feasible time after the information is available. The information described in subsection (5) that is not maintained by the office of regulatory reform shall be made available in the shortest feasible time after it is made available to the office of regulatory reform.
- (7) Subsection (5) does not alter or relinquish any copyright or other proprietary interest or entitlement of this state relating to any of the information made available under subsection (5).
- (8) The office of regulatory reform shall not charge a fee for providing the Michigan register on the internet as provided in subsection (5).
- (9) As used in this section, "Michigan register" means that term as defined in section 5 of the administrative procedures act of 1969, 1969 PA 306, MCL 24.205.

CITATION TO THE MICHIGAN REGISTER

The *Michigan Register* is cited by year and issue number. For example, 2001 MR 1 refers to the year of issue (2001) and the issue number (1).

CLOSING DATES AND PUBLICATION SCHEDULE

The deadlines for submitting documents to the Office of Regulatory Reform for publication in the *Michigan Register* are the first and fifteenth days of each calendar month, unless the submission day falls on a Saturday, Sunday, or legal holiday, in which event the deadline is extended to include the next day which is not a Saturday, Sunday, or legal holiday. Documents filed or received after 5:00 p.m. on the closing date of a filing period will appear in the succeeding issue of the *Michigan Register*.

The Office of Regulatory Reform is not responsible for the editing and proofreading of documents submitted for publication.

Documents submitted for publication should be delivered or mailed in an electronic format to the following address: MICHIGAN REGISTER, Office of Regulatory Reform, Department of Management and Budget, 1st Floor Ottawa Building, 611 West Ottawa, Lansing, MI 48909.

RELATIONSHIP TO THE MICHIGAN ADMINISTRATIVE CODE

The *Michigan Administrative Code* (1979 edition), which contains all permanent administrative rules in effect as of December 1979, was, during the period 1980-83, updated each calendar quarter with the publication of a paperback supplement. An annual supplement contained those permanent rules, which had appeared in the 4 quarterly supplements covering that year.

Quarterly supplements to the Code were discontinued in January 1984, and replaced by the monthly publication of permanent rules and emergency rules in the *Michigan Register*. Annual supplements have included the full text of those permanent rules that appear in the twelve monthly issues of the *Register* during a given calendar year. Emergency rules published in an issue of the *Register* are noted in the annual supplement to the Code.

INTERNET ACCESS

The *Michigan Register* can be viewed free of charge on the Internet web site of the Office of Regulatory Reform: www.michigan.gov/orr

Issue 2000-3 and all subsequent editions of the *Michigan Register* can be viewed on the Office of Regulatory Reform Internet web site. The electronic version of the *Register* can be navigated using the blue highlighted links found in the Contents section. Clicking on a highlighted title will take the reader to related text, clicking on a highlighted header above the text will return the reader to the Contents section.

Brian D. Devlin, Director
Office of Regulatory Reform

2003 PUBLICATION SCHEDULE

Issue No.	Closing Date for Filing or Submission Of Documents (5 p.m.)	Publication Date
1	January 15, 2003	February 1, 2003
2	February 1, 2003	February 15, 2003
3	February 15, 2003	March 1, 2003
4	March 1, 2003	March 15, 2003
5	March 15, 2003	April 1, 2003
6	April 1, 2003	April 15, 2003
7	April 15, 2003	May 1, 2003
8	May 1, 2003	May 15, 2003
9	May 15, 2003	June 1, 2003
10	June 1, 2003	June 15, 2003
11	June 15, 2003	July 1, 2003
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19	October 15, 2003	November 1, 2003
20	November 1, 2003	November 15, 2003
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22	December 1, 2003	December 15, 2003
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24	January 1, 2004	January 15, 2004

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ADMINISTRATIVE RULES
FILED WITH THE SECRETARY OF STATE

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(f) Administrative rules filed with the secretary of state.”

ADMINISTRATIVE RULES

ORR # 2002-043

DEPARTMENT OF COMMUNITY HEALTH

POLICY AND LEGAL AFFAIRS ADMINISTRATION

PHENYLKETONURIA TEST ON NEWBORN INFANTS

Filed with the Secretary of State on October 7, 2003

These rules take effect 7 days after filing with the Secretary of State

(By authority conferred on the department of community health by Executive Reorganization Order No. 1996-1, being §§ 257.710g and 330.3101 of the Michigan Compiled Laws)

R 325.1471 Rescission.

R 325.1472 Rescission.

R 325.1473 Rescission.

R 325.1474 Rescission.

R 325.1475 Rescission.

Rule 325.1471 to Rule 1475 of the Michigan Administrative code, are rescinded.

**PROPOSED ADMINISTRATIVE RULES,
NOTICES OF PUBLIC HEARINGS**

MCL 24.242(3) states in part:

“... the agency shall submit a copy of the notice of public hearing to the office of regulatory reform for publication in the Michigan register. An agency's notice shall be published in the Michigan register before the public hearing and the agency shall file a copy of the notice of public hearing with the office of regulatory reform.”

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

** * **

(d) Proposed administrative rules.

(e) Notices of public hearings on proposed administrative rules.”

PROPOSED ADMINISTRATIVE RULES

ORR # 2003-038

DEPARTMENT OF CONSUMER & INDUSTRY SERVICES

DIRECTOR'S OFFICE

CONSTRUCTION SAFETY STANDARDS

Filed with the Secretary of State on
These rules take effect 7 days after filing with the Secretary of State

(By authority conferred on the director of the department of consumer and industry services by sections 19 and 21 of 1974 PA 154 and Executive Reorganization Order No. 1996-2, MCL 408.1019, 408.1021, and 445.2001)

R 408.42501, R 408.42516, R 408.42517, R 408.42518, R 408.42519, R 408.42520, R 408.42521, R 408.42522, R 408.42523, R 408.42527, R 408.42532, R 408.42533, and R 408.42535 of the Michigan Administrative Code are amended; R 408.42502 and R 408.42503 are added to the Code as follows:

PART 25. CONCRETE CONSTRUCTION

R 408.42501 Scope.

Rule 2501. This part pertains to all of the following:

- (a) The reinforcing, pouring, stressing, lifting, and floating of concrete.
- (b) The construction of forms and shoring used in connection with concrete construction.
- (c) Prestressed and poststressed operations.
- (d) Precast, ~~and~~ tilt-up, **and lift-slab** operations.

R 408.42502 Adoption of standards.

Rule 2502. (1) The following standards are adopted by reference in these rules and are available from Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado, 80112, telephone number 1-800-854-7179, website: www.global.ihs.com, at a cost as of the time of adoption of these rules, as stated in this rule:

- (a) American National Standard Institute standard ANSI A10.9, Concrete Construction and Masonry Work, 1983 edition. Cost: \$25.00.**
- (b) American Welding Society standard AWS D1.1/D1.1M, Structural Welding Code Steel, 2002 edition. Cost: \$344.00.**
- (c) American Welding Society standard AWS B1.10, Guide for the Nondestructive Examination of Welds, 1999 edition. Cost: \$96.00.**

These standards are available for inspection at the Michigan Department of Consumer and Industry Services, MIOSHA Standards Division, 7150 Harris Drive, Lansing, Michigan 48909-8143.

R 408.42503 Reference of standards.

Rule 2503. (1) The following Michigan occupational construction safety standards are referenced in these rules and are available from the Michigan Department of Consumer and Industry Services, MIOSHA Standards Division, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48908-8143, telephone number (517) 322-1845, website: www.michigan.gov/mioshastandards, at no cost as of the time of adoption of these rules:

- (a) Personal protective equipment, Part 6., R 408.40601 et seq.**
- (b) Scaffolds and scaffold platforms, Part 12., R 408.41201 et seq.**
- (c) Fire Protection and Prevention, Part 18., R 408.41801 et seq.**
- (d) Guarding of walking and working areas, Part 21., R 408.42101 et seq.**
- (e) Fall protection, Part 45., R 408.44501 et seq.**

R 408.42516 Definitions. ~~B to V~~

Rule 2516. (1) "Bull float" means a tool used to spread out and smooth concrete.

(2) "Formwork" or "falsework" means the total system of support for freshly placed or partially cured concrete, including the mold or sheeting that contacts the concrete and all supporting members, hardware, and necessary bracing.

(3) "Foundation" or "footings" means a natural or built-up solid ground or base upon which shoring or reshoring is supported, including all underlying ground strata.

(4) "Guy" means a line that steadies a high object or structure by pulling against an off-center load.

(5) "Horizontal shoring beams" means beams or trusses used as load-carrying members in shoring systems.

(6) "Jacking operation" means the task of vertically lifting a slab or group of slabs from one location to another, such as from the casting location to a temporary (parked) location, from a temporary location to another temporary location, or to its final location in the structure during the construction of a structure where the lift-slab process is being used.

(7) "Lift slab" means a method of concrete construction in which floor and roof slabs are cast on or at ground level and, using jacks, lifted into position.

~~(7)~~ (8) "Precast concrete" means a concrete member that is cast and cured at a location other than its final designated location.

~~(8)~~ (9) "Poststressed concrete" means a concrete member in which internal stresses have been introduced by the stressing of strands after the placement of concrete.

~~(9)~~ (10) "Prestressed concrete" means a concrete member in which internal stresses have been introduced by the stressing of strands before the placement of the concrete.

~~(10)~~ (11) "Qualified designer" means a person who, by possession of a degree, certificate, or professional standing, has demonstrated ability in design in the subject area being regulated.

~~(11)~~ (12) "Qualified person" means a person who, because of education or training, is knowledgeable about the erection methods, materials, and hazards of the work to be performed.

~~(12)~~ (13) "Reshore" means the vertical or inclined supporting members that are designed to distribute the weight of concrete and construction loads to lower levels until such loads can be supported by the concrete structure.

~~(13)~~ (14) "Shore" means a vertical or inclined support member that is designed to carry the weight of formwork, concrete, and construction live loads above.

~~(14)~~ (15) "Slip form" means a form that moves, usually continuously, during the placement of concrete. Movement may be either horizontal or vertical.

~~(15)~~ (16) "Vertical slip form" means a form that is jacked vertically and continuously during the placing of concrete.

R 408.42517 Construction equipment and material requirements; adoption by reference.

Rule 2517. (1) Equipment and material used in concrete construction and masonry work shall meet the applicable requirements prescribed in ~~ANSI American national standard institute~~ standard A10.9, - 1983, ~~entitled~~ concrete construction and masonry work, **1983 edition**, which is adopted ~~herein~~ by reference. ~~and may be inspected at the Lansing office of the department of consumer and industry services. This standard may be purchased at a cost of \$6.00 from the American National Standards Institute, 1430 Broadway, New York, New York 10018, or from the Michigan Department of Consumer and Industry Services, 7150 Harris Drive, Box 30643, Lansing, Michigan 48909.~~

(2) The minimum safety factors of formwork accessories shall be as prescribed in table 1, as follows:

Table 1

MINIMUM SAFETY FACTORS OF FORMWORK ACCESSORIES*		
Accessory	Safety Factor	Type of Construction
Form Tie	1.5	Light formwork, 8 feet or less in height with no hazard to life.
	2.0	All formwork over 8 feet in height or hazardous to life. Formwork for architectural concrete.
Form Anchor	2.0	Formwork supporting form weight and concrete pressures only.
	3.0	Formwork supporting weight of forms, concrete, construction live loads, and impact.
Form Hangers	2.0	All applications.
Anchoring inserts used as form ties.	2.0	Precast concrete panels when used as formwork.

*Safety factors are based on ultimate strength of accessory.

R 408.42518 Reinforcing steel.

Rule 2518. (1) An employee who is placing and tying reinforced steel and who works from reinforcing steel more than 6 feet above an adjacent working surface shall ~~be provided with an approved safety belt or equivalent device~~ **use a personal fall arrest system** as prescribed in ~~Part 45. Fall Protection, Part 45., being R 408.44501 et seq. of the Michigan Administrative Code.~~

(2) A route designated as a means of access or egress across reinforcing steel for general traffic shall be provided with a walkway.

(3) An employee shall not be permitted to work above vertically protruding reinforcing steel unless the steel has been protected to eliminate the hazard of impalement of the employee.

(4) Reinforcing steel or walls, piers, columns, and other similar vertical structures shall be guyed, braced, or otherwise supported to prevent collapse.

(5) Reinforcing steel shall not be used as a scaffolding hook or stirrup or as a load-bearing member in a lifting device.

(6) Reinforcing steel shall not be welded and used as a load-bearing member.

(7) Roll wire mesh shall be secured at each end to prevent dangerous recoiling action.

(8) Roll wire mesh spear ends shall be trimmed to the nearest point.

R 408.42519 Bulk concrete handling.

Rule 2519. A bulk storage bin, container, or silo shall have a conical or tapered bottom with a mechanical or pneumatic means of starting the flow of the material. **An employee shall not be permitted to enter storage facilities unless the ejection system has been shut down, locked out, and tagged to indicate that the ejection system is not operable.**

R 408.42520 Concrete mixing, pouring, and floating.

Rule 2520. (1) A concrete mixer that is equipped with a 1-yard or larger loading skip shall be equipped with a mechanical device to clear the skip of material.

(2) A guardrail that is capable of withstanding a 200-pound side thrust shall be provided on each side of a skip on a mixer that has a capacity of 1 or more yards.

(3) The handle on a bull float that is used where it may contact an energized electrical conductor shall be constructed of nonconductive material or shall be insulated with a nonconductive sheath that has electrical and mechanical characteristics which provide the equivalent protection of a handle constructed of nonconductive material.

(4) A powered and rotating-type concrete troweling machine that is manually guided shall be equipped with a control switch that will automatically shut off the power when the hands of the operator are removed from the equipment handles or switch.

(5) The handles of a concrete buggy shall not extend horizontally beyond the wheels on either side of the buggy.

(6) A concrete bucket that is equipped with a hydraulically or pneumatically operated gate shall have a positive safety latch or a similar safety device installed to prevent premature or accidental dumping. The bucket shall be designed to prevent aggregate and loose material from accumulating on the top and sides of the bucket.

(7) An employee shall not be permitted to ride a bucket or walk or work under a bucket that is suspended from a crane or cableway.

(8) A concrete bucket that is positioned by a crane or cableway shall be suspended from an approved swivel safety-type hook.

(9) When the point of placement is not readily visible to the crane or cableway operator, a signalman shall be positioned in clear view of the operator and the point of placement. If positioning of a signalman in clear view is not possible, then reliable telephone or radio communication shall be used.

(10) A pumpcrete or similar system using discharge pipe shall have pipe supports that are designed for a 100% overload. Compression air hoses in the system shall be provided with positive fail-safe joint connectors to prevent the separation of sections when pressurized.

(11) When discharging on a slope, a ready-mix truck's wheels shall be blocked and the brakes set to prevent movement.

(12) An employee who is green cutting, sandblasting, or applying concrete through a pneumatic hose shall wear head, face, and eye protection in compliance with the provisions of ~~Part 6. Personal Protective Equipment, Part 6., being R 408.40601 et seq. of the Michigan Administrative Code.~~

(13) A runway, ramp, or scaffold, as prescribed in ~~Part 12. Scaffolds and Scaffold Platforms, Part 12., R 408.41201 et seq.; and Rules 2143, 2150, and 2154 of Part 21. Guarding of Walking and Working Areas, Part 21., R 408.42143, R 408.42150, and R 408.42154; and Part 45. Fall Protection, Part 45., R 408.44501 et seq. being R 408.41201 et seq.; R 408.42143, R 408.42150, and R 408.42154; and R 408.44501 et seq., respectively, of the Michigan Administrative Code,~~ shall be provided for placement of concrete in areas such as walls, piers, columns, and beams.

(14) A concrete mixer, **or other equipment, such as a compressor, screen, or pumps used for concrete construction activities, where inadvertent operation of the equipment may occur and cause injury** shall be locked out when an employee is ~~inside the mixer~~ performing maintenance or

~~repair to prevent injury due to the inadvertent operation of the equipment.~~ An employee who is inside a concrete mixer performing maintenance or repair shall have the only key to the lock.

(15) Sections of tremies and similar concrete conveyances shall be secured with wire rope, or equivalent materials, in addition to the regular couplings or connections.

R 408.42521 Forms and shoring generally.

Rule 2521. (1) Formwork, shoring, and reshoring shall be designed, erected, supported, braced, and maintained so that they will support all vertical and lateral loads that may be imposed upon them during placement of concrete or until the loads can be supported by the concrete structure.

(2) Drawings or plans which are prepared by the qualified person, except as required in R 408.42527(7) and R 408.42533(1), and which show the jack layout, formwork, shoring, working decks, and scaffolding shall be available at the jobsite.

(3) An employee who is working on formwork 6 feet or more above the ground or floor shall ~~wear use a safety belt and lanyard~~ **personal fall arrest system** as prescribed in ~~Part 45-~~ Fall Protection, **Part 45.**, being R 408.44501 et seq. ~~of the Michigan Administrative Code~~, or shall be provided with scaffolding as prescribed in ~~Part 12-~~ Scaffolds and Scaffold Platforms, **Part 12.**, being R 408.41201 et seq. ~~of the Michigan Administrative Code~~.

(4) Stripped forms and shoring shall be removed and stockpiled promptly after stripping in all areas in which an employee is required to work or pass. Protruding nails, wire ties, and other form accessories that are not necessary to subsequent work shall be pulled or cut or other means shall be employed to eliminate a hazard.

(5) ~~A construction load imposed on a structure, or a part thereof, shall not be more than the design capacity.~~ **No construction loads shall be placed on a concrete structure or portion of a concrete structure unless the employer determines, based on information received from a person who is qualified in structural design, that the structure or portion of the structure is capable of supporting the loads.**

R 408.42522 Placing and removing forms.

Rule 2522. (1) A tag line shall be used to control large panels or large sections.

(2) Forms shall not be completely removed until **a determination has been made that** the concrete can support its own weight and any currently superimposed load. **Such determination shall be based on compliance with either of the following:**

(a) The plans and specifications stipulate conditions for removal of forms and shores, and such conditions have been followed.

(b) The concrete has been properly tested with an appropriate ASTM standard test method designed to indicate the concrete compressive strength, and that the test results indicate that the concrete has gained sufficient strength to support its weight and superimposed loads.

(3) Built-up sections shall have lifting attachments that are capable of handling an imposed load.

(4) Vertical, horizontal, and overhead forms that are being raised or removed by lifting equipment shall be braced or secured before being released from the load line.

(5) When using metal pan deck forms, the placement of the pans shall follow a sequence. Planks shall be laid in a manner that reduces the hazard of falling or else solid decking shall be used.

R 408.42523 Vertical slip forms.

Rule 2523. (1) Field operations for vertical slip forms shall be under the supervision of a qualified person. The qualified person shall be present on the deck during slipping operations.

(2) A lift shall proceed steadily and uniformly and shall not exceed the predetermined rate of lift.

- (3) The steel rods or pipe on which the jacks climb or by which the forms are lifted shall be specifically designed for such climbing or lifting. Such rods shall be adequately braced if they are not encased in concrete.
- (4) Jacks and vertical supports shall be positioned so that the vertical loads are distributed equally and do not exceed the capacity of the jacks.
- (5) The jacks or other lifting devices shall be provided with mechanical dogs or other automatic holding devices to prevent slippage due to the failure of the power supply of the lifting mechanism.
- (6) Vertical lift forms shall be provided with scaffolding or work platforms that completely encircle the area of placement. The scaffolds shall be as prescribed in ~~Part 12. Scaffolds and Scaffold Platforms, Part 12., being R 408.41201 et seq. of the Michigan Administrative Code.~~
- (7) Lateral and diagonal bracing of vertical slip forms shall be provided to prevent excessive distortion of the structure during the jacking operation.
- (8) During a jacking operation, the form structure shall be maintained in line and plumb.

R 408.42527 Single-post shores.

Rule 2527. (1) For stability, a single-post shore shall be horizontally braced in both the longitudinal and transverse directions, and diagonal bracing shall also be installed. The bracing shall be installed as the shores are being erected.

- (2) The top of single-post shores shall be restricted from movement by the use of retainers or other equivalent means.
- (3) Devices for attaching the external lateral stability bracing shall be securely fastened to the single-post shores.
- (4) Timber and fabricated single-post shores and the adjusting devices shall be inspected before erection. Timber for single-post shores shall not be used if it contains splits, cuts, rotting, or structural damage.
- (5) A metal single-post shore and the adjusting devices shall not be used if the shore or devices are heavily rusted, bent, dented, or rewelded or have broken weldments or other defects.
- (6) A nail that is used to secure bracing on adjustable timber single-post shores shall be driven home and the point bent over, if possible.
- (7) A single-post shore that is used in more than 1 tier shall be designed by a registered engineer and inspected by a qualified person. **All of the following shall apply:**
 - (a) The single post shores shall be vertically aligned.**
 - (b) The single post shores shall be spliced to prevent misalignment.**
 - (c) The single post shores shall be adequately braced in 2 mutually perpendicular directions at the splice level. Each tier shall also be diagonally braced in the same 2 directions.**
- (8) When formwork is at an angle or is sloping or when the surface shored is sloping, the shoring shall be designed for this loading by a qualified engineer.

R 408.42532 Precast and tilt-up operations.

Rule 2532. (1) ~~A lifting attachment for precast and tilt-up operations shall have a designed safety factor of not less than 5. Reinforcing steel shall not be used as a lifting attachment. Lifting hardware shall be capable of supporting 5 times the maximum intended load applied or transmitted to the lifting hardware.~~ **Lifting inserts which are embedded or otherwise attached to tilt-up precast concrete members shall be capable of supporting at least 2 times the maximum intended load applied or transmitted to them. Lifting inserts which are embedded or otherwise attached to precast concrete members, other than the tilt-up members, shall be capable of supporting at least 4 times the maximum**

intended load applied or transmitted to them. Lifting hardware shall be capable of supporting at least 5 times the maximum intended load applied transmitted to the lifting hardware.

~~(2) Precast members shall be handled in accordance with the shop or erection drawings.~~ **An erection and procedure plan, including placement of connections, shall be prepared by a qualified employee knowledgeable in precast concrete erection and be kept available at the jobsite.**

(3) Precast concrete wall units and vertical panels shall be braced to prevent collapse. A permanent connection may be used in place of bracing if it is capable of withstanding all loads imposed during construction.

(4) An employee, except for a connector, shall not be permitted under a precast section, wall, or panel during lifting and tilting operations.

(5) When vacuum lifting concrete panels, slabs, or other structural members, the lifting surfaces shall be clean, well bonded, and monolithic before vacuum lifting is attempted.

R 408.42533 Lift-slab operations.

Rule 2533. (1) A registered professional engineer who is qualified in lift-slab operations shall design and plan lift-slab operations. An employer shall implement the plans and designs and shall include detailed instructions and sketches that indicate the prescribed method of erection. The plans and designs shall also include provisions for ensuring lateral stability of the building or structure during construction.

(2) An employer shall ensure that jacks are marked to indicate the rated capacity established by the manufacturer.

(3) An employer shall ensure that jacks are not loaded beyond the rated capacity established by the manufacturer.

(4) An employer shall ensure that jacking equipment is not overloaded and the threaded rods and other members that transmit loads to the jacks are capable of supporting not less than 2 1/2 times the load to be applied. Jacking equipment shall include all of the following:

(a) Jacks and other lifting units.

(b) Lifting angles.

(c) Lifting nuts.

(d) Hook-up collars.

(e) T-caps.

(f) Shearheads.

(g) Columns and footings.

(5) An employer shall ensure that a jack is designed and installed so that it will not lift or continue to lift when it is loaded in excess of its rated capacity.

(6) An employer shall ensure that a jack has a safety device installed that will cause the jack to support the load in any position if the jack malfunctions or loses its lifting ability.

(7) An employer shall ensure that jacking operations are synchronized to ensure even and uniform lifting of the slab. An employer shall ensure, that during lifting, all points of the slab support are kept within 1/2 of an inch of that needed to maintain the slab in a level position.

(8) If leveling is automatically controlled, then an employer shall ensure that a device is installed which will stop the operation when the 1/2-inch tolerance specified in subrule (7) of this rule is exceeded or when there is a malfunction in the jacking system.

(9) An employer shall ensure that the maximum number of manually controlled jacks on 1 slab is limited to a number, which shall not be more than 14, that will permit the operator to maintain the slab level within specified tolerances. The controls shall be located near a qualified person.

- (10) An employer shall ensure that an employee, except for an employee who is essential to the jacking operation, is not permitted in the building while any jacking operation is taking place. For the purpose of this subrule, a jacking operation begins when a slab or group of slabs is lifted and ends when the slabs are secured with either temporary connections or permanent connections.
- (11) An employer shall ensure that an employee is not permitted under a slab during jacking operations.
- (12) An employer shall ensure that all welding on temporary and permanent connections is performed in accordance with the requirements of the ~~American national standard institute~~ and American welding society standards ~~ANSI/AWS D1.1/D1.1M, 2002 edition, -86 entitled~~ Structural Welding Code Steel, and ~~ANSI/AWS B1.10, 1999 edition, -86 entitled~~ Guide for the Nondestructive **Examination Inspection** of Welds. These standards are adopted by reference in **R 408.42503**. ~~these rules and are available for purchase, at a cost as of the time of adoption of these rules of \$50.00 and \$12.00 respectively, from the American National Standards Institute, 11 West 42nd Street, New York, New York 10036, the American Welding Society, 550 N.W. Le Jeune Road, P.O. Box 351040 Miami, FL 33125, and from the Standards Division, Michigan Department of Consumer and Industry Services, Box 30643, Lansing, Michigan 48909.~~ An employer shall ensure that the welders are familiar with the welding requirements specified in the lift-slab plan and specifications.
- (13) An employer shall ensure that load transfer from jacks to building columns is not executed until the welds on the column shear plates are cooled to air temperature.
- (14) An employer shall ensure that jack-lifting units are positively secured to building columns so that they do not become dislodged or dislocated.
- (15) An employer shall ensure that equipment is designed and installed so that the lifting rods cannot slip out of position or the employer shall initiate other measures, such as the use of locking or blocking devices, that will provide attachments and prevent components from disengaging during lifting operations.
- (16) Lifting devices, other than jacks covered by subrule (4) of this rule, shall be of sufficient strength and design to provide a safety factor not less than 5 times the working load.**
- (17) Defective equipment shall be removed from service.**

R 408.42535 Concrete curing.

Rule 2535. (1) ~~When construction areas are enclosed with canvas or other flammable materials, open flame salamanders shall not be used as a source of heat.~~ **An employer shall ensure that all heating devices, including temporary heating devices, are located at a safe distance sufficient to prevent ignition of any materials in their proximity and in accordance with Fire Protection and Prevention, Part 18., R 408.41801 et seq. Rule 1884 of Part 18 covers detailed safety provisions for heating devices.**

(2) When salamanders or similar heating units are used to protect concrete from freezing, all of the following requirements shall be complied with:

- (a) All salamanders shall be covered and properly vented.
- (b) Salamanders shall not be refueled until extinguished and permitted to cool.
- (c) Where tarpaulins or other ~~flammable~~ materials are used to form protective enclosures for winter protection, the material shall be fire resistant and installed to prevent contact with the heating unit.

**OPINIONS OF THE
ATTORNEY GENERAL**

MCL 14.32 states in part:

“It shall be the duty of the attorney general, when required, to give his opinion upon all questions of law submitted to him by the legislature, or by either branch thereof, or by the governor, auditor general, treasurer or any other state officer”

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(j) Attorney general opinions. ”

OPINIONS OF THE ATTORNEY GENERAL

INVESTMENT: Authority of public retirement system to
make investments "not otherwise qualified"
RETIREMENT: under Public Employee Retirement System
Investment Act

Section 20d(1) of the Public Employee Retirement System Investment Act, MCL 38.1140d(1), does not permit a retirement system with assets of less than \$250,000,000 to invest in a small business, small business investment company, or venture capital firm located in Michigan as an investment "not otherwise qualified" under the Act.

Opinion No. 7140

October 6, 2003

Honorable Thomas M. George
State Senator
The Capitol
Lansing, MI

Honorable Alexander C. Lipsey
State Representative
The Capitol
Lansing, MI

Honorable Jacob W. Hoogendyk, Jr.
State Representative
The Capitol
Lansing, MI

Honorable Lorence Wenke
State Representative
The Capitol
Lansing, MI

You have asked if section 20d(1) of the Public Employee Retirement System Investment Act, MCL 38.1140d(1), permits a retirement system with assets of less than \$250,000,000 to invest in a small business, small business investment company, or a venture capital firm as an investment "not otherwise qualified" under the Act, and, if so, whether the retirement system's investment is subject to the 5% total assets limitation in section 20d(1) of the Act.

Your inquiry is made on behalf of the Kalamazoo County Public Employees Retirement System. According to information provided to this office, the business in which the retirement system would invest is located in Michigan. You note in your request that because the retirement system has assets of

less than \$250,000,000, it is not authorized to make an investment described in section 20a(1) of the Act, MCL 38.1140a(1).

The Public Employee Retirement System Investment Act (the Act), 1965 PA 314, MCL 38.1132 *et seq.*, was adopted to consolidate and codify the investment authority of public retirement systems. Section 20d(1), part of the so-called "basket clause,"¹ provides:

An investment fiduciary of a system having assets of less than \$250,000,000.00 may invest not more than 5% of the system's assets in investments *not otherwise qualified* under this act, whether the investments are similar or dissimilar to those specified in this act. [MCL 38.1140d(1); emphasis added.]

Section 20a(1) provides in pertinent part:

[A]n investment fiduciary of a system having assets of more than \$250,000,000.00 may invest not more than 2% of a system's assets in a debt, warrant, or equity interest in a small business having more than 1/2 of the small business's assets or employees within this state, or in a debt, warrant, or equity interest in a small business investment company or venture capital firm having its principal office or more than 1/2 of its assets within this state, [MCL 38.1140a(1).]

Responding to a question similar to yours, OAG, 1989-1990, No 6597, p 198, 203 (August 24, 1989), noted that the Legislature had not defined the term "qualified investment" in the Act and examined the legislative history of the Act and bill analyses for assistance in determining the intent of the Legislature. *Luttrell v Dep't of Corrections*, 421 Mich 93, 103; 365 NW2d 74 (1984). As a result, OAG No 6597 concluded that the term "qualified investment" means those investments specifically authorized by the Act. It also concluded that "investments not otherwise qualified," as used in section 20d(1) of the Act, are those types of investments that the Legislature has not otherwise specifically authorized in the Act.

¹ "Basket clause" is a term of art widely used with respect to the Act to designate section 20d investments. The "basket clause" permits a public retirement system to invest a specified percentage of its assets in investments not otherwise qualified

OAG No 6597, p 204, further noted that the Legislature specifically authorized equity interest investments in small businesses in section 20a(1) but restricted them to public retirement systems with more than \$250,000,000 in assets. The opinion concluded that since an investment in a small business is an authorized investment under section 20a(1) of the Act, section 20d may not be used by a public retirement system with assets of less than \$250,000,000 to make a direct investment in a small business.

In construing a statute, the act must be read in its entirety. *Weems v Chrysler Corp*, 448 Mich 679, 699-700; 533 NW2d 287 (1995). Legislative intent can be further discerned from a reading of section 20d(5) of the "basket clause," which provides:

If an investment described in subsection (1) is subsequently determined to be permitted under another section of this act, then the investment shall no longer be included under this section. [MCL 38.1140d(5).]

The text and legislative history lead to the conclusion that the Legislature intended that the "basket clause" authorize an investment only when the investment is not authorized under another section of the Act. Conversely, if an investment is authorized under another section, then it must be made under that section and in compliance with all the provisions of that section. Further, OAG, 1995-1996, No 6893, p 143 (March 21, 1996), noted that while a "plain reading of section 20d(1) indicates that the Legislature intended that the 'basket clause' be available for a wide range of investments," it required that "these investments be those that are not specifically authorized by the act." Thus, because section 20a(1) of the Act authorizes the investment of the assets of a public retirement system in a small business, small business investment company, or venture capital firm located in Michigan, such an investment cannot be

under the Act. It obviates the need to regularly amend the Act to authorize investment in new or hybrid investment vehicles as they are developed over time.

made pursuant to section 20d(1). If a public retirement system cannot meet the asset limitation of section 20a(1), then it is precluded from making the investment under that section.²

It is my opinion, therefore, that section 20d(1) of the Public Employee Retirement System Investment Act, MCL 38.1140d(1), does not permit a retirement system with assets of less than \$250,000,000 to invest in a small business, small business investment company, or venture capital firm located in Michigan as an investment "not otherwise qualified" under the Act.

MIKE COX
Attorney General

² The facts presented in your request, together with additional information supplied to this office, make it clear that your question involves a section 20a investment. However, given the limited information presented regarding the proposed structure of the investment and considering the potential for numerous hybrid investment structures, no opinion is rendered as to the applicability of other sections of the Act, including section 14, MCL 38.1134, the section relating to stock investments.

OPINIONS OF THE ATTORNEY GENERAL

DISEASES: Authority to detain individuals suspected
of carrying communicable diseases

EMERGENCY MEDICAL PERSONNEL:

FIREFIGHTERS AND FIRE DEPARTMENTS:

PUBLIC HEALTH CODE:

The Public Health Code does not authorize licensed emergency medical services personnel to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome or smallpox. Only a local health department and the Michigan Department of Community Health are authorized to seek an order of the circuit court to detain individuals suspected of carrying communicable diseases, and except in the case of an emergency, such an order is subject to notice and opportunity for a hearing.

Neither the Public Health Code nor the Fire Prevention Code authorize the commanding officer of the fire department of a city, village, township, or county, or a firefighter in uniform acting under the orders and directions of the commanding officer, to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome or smallpox.

Opinion No. 7141

October 6, 2003

Honorable Gretchen Whitmer
State Representative
The Capitol
Lansing, MI 48913

You have asked two questions regarding the authority of emergency medical personnel and fire-fighting officials to detain an individual suspected of carrying a communicable disease.

You first ask whether licensed emergency medical services personnel have authority to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome (SARS) or smallpox, and if so, how long such an individual may be detained without a court order.

Consistent with Const 1963, art 4, § 51, the Legislature enacted the Public Health Code (Code), MCL 333.1101 *et seq*, to protect and promote the public health. Section 2453(2) of the Code, MCL 333.2453(2), provides:

A local health department or the department [of Community Health] may provide for the involuntary detention and treatment of individuals with hazardous communicable disease in the manner prescribed in sections 5201 to 5238.

Sections 5201 through 5238 are found in Part 52 of the Code, entitled "Hazardous Communicable Diseases." These sections regulate the prevention and control of diseases and set forth the process that must be followed by a local health department or the Michigan Department of Community Health (MDCH) to seek a court order for the involuntary detention and treatment of individuals suspected of carrying a hazardous communicable disease.

Section 5203(1) of the Code, MCL 333.5203(1), provides that upon a determination by a local health department or the MDCH that an individual is a "carrier" and is a "health threat to others,"¹ either shall issue a warning notice to the individual requiring the individual to cooperate with the local health department or the MDCH in their efforts to prevent or control the transmission of serious communicable

¹ Sec. 5201(1)(a) of the Public Health Code defines a "carrier" as:

"[A]n individual who serves as a potential source of infection and who harbors or who the department reasonably believes to harbor a specific infectious agent or a serious communicable disease or infection, whether or not there is present discernible disease." MCL 333.5201(1)(a).

"Health threat to others" means that "an individual who is a carrier has demonstrated an inability or unwillingness to conduct himself or herself in such a manner as to not place others at risk of exposure to a serious communicable disease or infection." MCL 333.5201(1)(b).

Section 5101(1)(g), MCL 333.5101(1)(g), defines serious communicable disease as "a communicable disease or infection that is designated as serious by the department pursuant to this part." Pursuant to Section 5111(1)(a), MCL 333.5111(1)(a), the MDCH has promulgated rules that designate and classify serious communicable diseases. 1993 AACRS, R 325.172. This rule is a compilation of those conditions that must be reported to health authorities. According to recent information supplied to this office by State of Michigan Epidemiologist Dr. Matthew Boulton, although smallpox and SARS are not explicitly listed in this rule, both diseases would fall under subsection (s) of this rule pertaining to: "The unusual occurrence, outbreak, or epidemic of any condition, including nosocomial infections." Rule 325.172(1)(s).

diseases or infections. Warning notices must generally be in writing but may be oral under urgent circumstances if followed by a written statement within three days. MCL 333.5203(2). A warning notice shall be individual and specific and shall not be issued to a class of persons. MCL 333.5203(2). The warning notice must include a statement that, unless the individual takes the action requested in the warning notice, a representative of the MDCH or the local health officer "shall seek an order from the probate court, pursuant to this part." ² MCL 333.5203(3). Further, the warning notice must state that, except in cases of emergency, the individual has the right to a hearing and has other rights before the court issues an order. MCL 333.5203(3).

If an MDCH representative or local health officer knows or reasonably believes that an individual has failed or refused to comply with a warning notice, he or she "may petition the circuit court for the county of Ingham or for the county served by the local health department" for an order. MCL 333.5205(1). Upon a finding that the allegations set forth in the petition have been proven by clear and convincing evidence, the circuit court may issue an order that may require, among other things, that the individual: undergo medically accepted tests to verify the individual's status as a carrier or for diagnosis; participate in educational and counseling programs; notify or appear before designated health officials for verification of status, testing, or other purposes consistent with monitoring; and live part time or full time in a supervised setting for the period and under the conditions established by the circuit court. MCL 333.5205(6).

The Legislature has enacted expedited procedures to address an emergency situation in section 5207 of the Code, which states, in pertinent part:

² Although this section refers to the probate court, the operative sections for seeking a court order were amended by 1997 PA 57 and now require the MDCH or local health officer to seek an order from the circuit court. See MCL 333.5205 and 333.5207.

To protect the public health in an emergency, upon the filing of an affidavit by a department representative or a local health officer, the circuit court may order the department representative, local health officer, or a peace officer to take an individual whom the court has reasonable cause to believe is a carrier and is a health threat to others into custody and transport the individual to an appropriate emergency care or treatment facility for observation, examination, testing, diagnosis, or treatment and, if determined necessary by the court, temporary detention. If the individual is already institutionalized in a facility, the court may order the facility to temporarily detain the individual. An order issued under this subsection may be issued in an ex parte proceeding upon an affidavit of a department representative or a local health officer. The court shall issue an order under this subsection upon a determination that reasonable cause exists to believe that there is a substantial likelihood that the individual is a carrier and a health threat to others. An order under this subsection may be executed on any day and at any time, and shall be served upon the individual who is the subject of the order immediately upon apprehension or detention. [MCL 333.5207(1).]

Thus, MDCH representatives, local health officers, peace officers, and health care facilities may be authorized by court order to detain an individual determined on reasonable cause to be a carrier and a health threat to others. However, even under an emergency order, an individual may not be detained for longer than 72 hours (excluding Saturdays, Sundays, and legal holidays) without a prompt post-detention court hearing to determine if the temporary detention should continue. MCL 333.5207(3). Moreover, the individual may only continue to be detained if the court finds, by a preponderance of the evidence, that the individual would pose a health threat to others if released. MCL 333.5207(5).³

Other sections of the Code define "emergency medical personnel" to include "a medical first responder, emergency medical technician, emergency medical technician specialist, paramedic, or emergency medical services instructor-coordinator." MCL 333.20904 (4). Part 209 of the Code, entitled "Emergency Medical Services," requires that emergency medical personnel be licensed by the

³ Other parts of the Code address emergencies of a broader scale. For example, section 2251(1) of the Code, MCL 333.2251(1), empowers the Director of the MDCH, "[u]pon a determination that an imminent danger to the health or lives of individuals exists in this state," to issue orders to avoid, correct, or remove the imminent danger as defined in the statute. The order may "specify action to be taken" or prohibit the presence of individuals in locations or under conditions where the imminent danger exists. MCL 333.2251(1). Except in certain circumstances, a person who violates a rule or order of the MDCH is guilty of a misdemeanor punishable by imprisonment for not more than six months or a fine of not more than \$200 or both. MCL 333.2261. Similar authority is granted to local health officers within the area served by their local health departments. MCL 333.2451. Moreover, the MDCH Director is also vested with specified emergency powers to protect the public health in connection with epidemics. MCL 333.2253.

Department of Consumer and Industry Services, Bureau of Health Services, to provide emergency medical services. MCL 333.20950(1). The Code does not authorize emergency medical personnel to involuntarily detain individuals suspected of carrying a hazardous communicable disease.⁴ As set forth above, the involuntary detention and treatment of individuals suspected of carrying a hazardous communicable disease is regulated by sections 5201 to 5238, which only authorize the MDCH or a local health department to seek an order from the circuit court to detain and treat an individual who has been determined to be a "carrier" and is a "health threat to others." The express mention of one thing in a statute implies the exclusion of similar other things. *Hoste v Shanty Creek Management, Inc*, 459 Mich 561, 572, n 8; 592 NW2d 360 (1999).⁵

It is my opinion, therefore, in answer to your first question, that the Pubic Health Code does not authorize licensed emergency medical services personnel to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome or smallpox. Only a local health department and the Michigan Department of Community Health are authorized to seek an order of the circuit court to detain individuals suspected of carrying communicable diseases, and except in the case of an emergency, such an order is subject to notice and opportunity for a hearing.

⁴ Section 20969 of the Code specifically authorizes emergency medical personnel to involuntarily treat or transport individuals requiring emergency medical services if in "exercising professional judgment, [they] determine that the individual's condition makes the individual incapable of competently objecting to treatment or transportation . . . unless the objection is expressly based on the individual's religious beliefs." MCL 333.20969. The plain language of this section provides no indication that the Legislature intended it to apply to the situation where an individual, who has not been determined to require emergency medical services, is suspected of having a hazardous communicable disease.

⁵ Your first question is not presented in the context of a declared state of emergency by the Governor under the Emergency Management Act, MCL 30.401 *et seq.* In the event of a declared emergency, the Governor is vested with broad authority to respond to the emergency, including the power to suspend a regulatory statute prescribing the procedures for the conduct of state business, evacuate all or a part of the population from a stricken or threatened area if necessary to preserve life, control the ingress and egress to and from a stricken or threatened area, and "direct all other actions which are necessary and appropriate under the circumstances." MCL 30.405(1)(a), (e), (g), and (j). A person who willfully disobeys or interferes with the implementation of an emergency directive of the Governor is guilty of a misdemeanor. MCL 30.405(2). See also MCL 10.31.

Your second question asks whether the commanding officer of the fire department of a city, village, township, or county, or a firefighter in uniform acting under the orders and directions of the commanding officer, have authority to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome or smallpox, and if so, how long such an individual may be detained without court order.

As stated in answer to your first question, the Public Health Code only authorizes local health departments and the MDCH to seek court orders to detain individuals suspected of carrying communicable diseases.⁶ Since the Public Health Code does not confer that authority upon fire-fighting officials, I have also examined the Fire Prevention Code to determine if such authorization is given there.

As expressed in its title, the Fire Prevention Code, MCL 29.1 *et seq.*, was enacted to "provide for the prevention of fires and the protection of persons and property from exposure to the dangers of fire or explosion." In the event of an "emergency condition dangerous to persons or property," section 7a(1) of the Fire Prevention Code, MCL 29.7a(1), provides that the state fire marshal or the commanding officer of the fire department of a city, village, township, or county, or a firefighter in uniform, acting under the orders and directions of the commanding officer, may take all necessary steps and prescribe all necessary restrictions and requirements to protect persons and property until the dangerous condition is abated.

No provision in the Fire Prevention Code, however, authorizes the commanding officer of the fire department of a city, village, township, or county, or a firefighter in uniform acting under the orders

and directions of the commanding officer, to detain an individual suspected of carrying a communicable disease. The courts have made clear that, in construing a statute, provisions may not be added that the Legislature did not include. *Empire Iron Mining Partnership v Orhanen*, 455 Mich 410, 421; 565 NW2d 844 (1997). Moreover, the powers of administrative officers extend only to those expressly granted or reasonably implied. *Public Health Dep't v Rivergate Manor*, 452 Mich 495, 503; 550 NW2d 515 (1996), citing *Coffman v State Bd of Examiners in Optometry*, 331 Mich 582, 590; 50 NW2d 322 (1951).

It is my opinion, therefore, in answer to your second question, that neither the Public Health Code nor the Fire Prevention Code authorize the commanding officer of the fire department of a city, village, township, or county, or a firefighter in uniform acting under the orders and directions of the commanding officer, to detain an individual suspected of carrying a communicable disease, such as severe acute respiratory syndrome or smallpox.

MIKE COX
Attorney General

⁶ Footnote 5 also applies to your second question.

**ENROLLED SENATE AND HOUSE BILLS
SIGNED INTO LAW OR VETOED
(2003 SESSION)**

Mich. Const. Art. IV, §33 provides: “Every bill passed by the legislature shall be presented to the governor before it becomes law, and the governor shall have 14 days measured in hours and minutes from the time of presentation in which to consider it. If he approves, he shall within that time sign and file it with the secretary of state and it shall become law . . . If he does not approve, and the legislature has within that time finally adjourned the session at which the bill was passed, it shall not become law. If he disapproves . . . he shall return it within such 14-day period with his objections, to the house in which it originated.”

Mich. Const. Art. IV, §27, further provides: “No act shall take effect until the expiration of 90 days from the end of the session at which it was passed, but the legislature may give immediate effect to acts by a two-thirds vote of the members elected to and serving in each house.”

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(b) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills signed into law by the governor during the calendar year and the corresponding public act numbers.

(c) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills vetoed by the governor during the calendar year.”

**ENROLLED SENATE AND HOUSE BILLS
SIGNED INTO LAW OR VETOED
(2003 SESSION)**

The Table of Enrolled Senate and House Bills Signed Into Law Or Vetoed (2003 Session) is unchanged from the table appearing in Michigan Register 2003, MR 17.

MICHIGAN ADMINISTRATIVE CODE TABLE
(2003 SESSION)

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(i) Other official information considered necessary or appropriate by the office of regulatory reform.”

The following table cites administrative rules promulgated during the year 2000, and indicates the effect of these rules on the Michigan Administrative Code (1979 ed.).

MICHIGAN ADMINISTRATIVE CODE TABLE
(2003 RULE FILINGS)

R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
29.2801	*	1	29.4215	R	15	29.4312	R	15
29.2802	*	1	29.4216	R	15	29.4313	R	15
29.2802a	A	1	29.4217	R	15	29.4314	R	15
29.2803	*	1	29.4218	R	15	29.4315	R	15
29.2804	*	1	29.4219	R	15	29.4316	R	15
29.2805	*	1	29.4220	R	15	29.4317	R	15
29.2806	*	1	29.4221	R	15	29.4318	R	15
29.2807	*	1	29.4222	R	15	29.4319	R	15
29.2807a	A	1	29.4223	R	15	29.4401	R	15
29.2808	*	1	29.4224	R	15	29.4402	R	15
29.2809	*	1	29.4225	R	15	29.4403	R	15
29.2810	*	1	29.4226	R	15	29.4404	R	15
29.2811	*	1	29.4227	R	15	29.4405	R	15
29.2811a	A	1	29.4228	R	15	29.4406	R	15
29.2812	*	1	29.4229	R	15	29.4501	R	15
29.2813	*	1	29.4230	R	15	29.4502	R	15
29.2814	*	1	29.4231	R	15	29.4503	R	15
29.4101	R	15	29.4232	R	15	29.4504	R	15
29.4102	R	15	29.4233	R	15	29.5101	A	15
29.4103	R	15	29.4234	R	15	29.5102	A	15
29.4104	R	15	29.4235	R	15	29.5103	A	15
29.4105	R	15	29.4236	R	15	29.5104	A	15
29.4106	R	15	29.4237	R	15	29.5105	A	15
29.4201	R	15	29.4238	R	15	29.5201	A	15
29.4202	R	15	29.4239	R	15	29.5202	A	15
29.4203	R	15	29.4240	R	15	29.5203	A	15
29.4204	R	15	29.4301	R	15	29.5204	A	15
29.4205	R	15	29.4302	R	15	29.5205	A	15
29.4206	R	15	29.4303	R	15	29.5206	A	15
29.4207	R	15	29.4304	R	15	29.5207	A	15
29.4208	R	15	29.4305	R	15	29.5208	A	15
29.4209	R	15	29.4306	R	15	29.5209	A	15
29.4210	R	15	29.4307	R	15	29.5210	A	15
29.4211	R	15	29.4308	R	15	29.5211	A	15
29.4212	R	15	29.4309	R	15	29.5212	A	15
29.4213	R	15	29.4310	R	15	29.5213	A	15
29.4214	R	15	29.4311	R	15	29.5214	A	15

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
29.5215	A	15	29.5253	A	15	29.5336	A	15
29.5216	A	15	29.5254	A	15	29.5337	A	15
29.5217	A	15	29.5255	A	15	29.5338	A	15
29.5218	A	15	29.5301	A	15	29.5339	A	15
29.5219	A	15	29.5302	A	15	29.5340	A	15
29.5220	A	15	29.5303	A	15	29.5401	A	15
29.5221	A	15	29.5304	A	15	29.5402	A	15
29.5222	A	15	29.5305	A	15	29.5403	A	15
29.5223	A	15	29.5306	A	15	29.5404	A	15
29.5224	A	15	29.5307	A	15	29.5405	A	15
29.5225	A	15	29.5308	A	15	29.5406	A	15
29.5226	A	15	29.5309	A	15	29.5407	A	15
29.5227	A	15	29.5310	A	15	29.5408	A	15
29.5228	A	15	29.5311	A	15	29.5409	A	15
29.5229	A	15	29.5312	A	15	29.5410	A	15
29.5230	A	15	29.5313	A	15	29.5411	A	15
29.5231	A	15	29.5314	A	15	29.5412	A	15
29.5232	A	15	29.5315	A	15	29.5413	A	15
29.5233	A	15	29.5316	A	15	29.5414	A	15
29.5234	A	15	29.5317	A	15	29.5415	A	15
29.5235	A	15	29.5318	A	15	29.5416	A	15
29.5236	A	15	29.5319	A	15	29.5417	A	15
29.5237	A	15	29.5320	A	15	29.5418	A	15
29.5238	A	15	29.5321	A	15	29.5419	A	15
29.5239	A	15	29.5322	A	15	29.5501	A	15
29.5240	A	15	29.5323	A	15	29.5502	A	15
29.5241	A	15	29.5324	A	15	29.5503	A	15
29.5242	A	15	29.5325	A	15	29.5504	A	15
29.5243	A	15	29.5326	A	15	29.5505	A	15
29.5244	A	15	29.5327	A	15	29.5506	A	15
29.5245	A	15	29.5328	A	15	29.5507	A	15
29.5246	A	15	29.5329	A	15	29.5508	A	15
29.5247	A	15	29.5330	A	15	29.5509	A	15
29.5248	A	15	29.5331	A	15	29.5510	A	15
29.5249	A	15	29.5332	A	15	29.5511	A	15
29.5250	A	15	29.5333	A	15	29.5512	A	15
29.5251	A	15	29.5334	A	15	29.5513	A	15
29.5252	A	15	29.5335	A	15	29.5514	A	15

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
29.5515	A	15	125.1402	*	14	125.1902a	*	14
29.5516	A	15	125.1403	*	14	125.1904a	*	14
125.1101	*	14	125.1404	*	14	125.1905	*	14
125.1106	A	14	125.1405	*	14	125.1908	*	14
125.1120	*	14	125.1407	*	14	125.1912	*	14
125.1125	*	14	125.1408	*	14	125.1913	R	14
125.1130	*	14	125.1409	*	14	125.1918	*	14
125.1185	*	14	125.1410	*	14	125.1920	*	14
125.1192	*	14	125.1411	*	14	125.1922	*	14
125.1192a	A	14	125.1413	*	14	125.1925	*	14
125.1201	R	14	125.1415	*	14	125.1926	*	14
125.1202a	R	14	125.1416	R	14	125.1928	*	14
125.1202b	*	14	125.1417	*	14	125.1929	*	14
125.1202c	A	14	125.1419	*	14	125.1934	*	14
125.1203	R	14	125.1501a	A	14	125.1935	*	14
125.1204	*	14	125.1503	*	14	125.1936	*	14
125.1209	*	14	125.1503a	A	14	125.1937	*	14
125.1210	R	14	125.1504	*	14	125.1940	*	14
125.1211	R	14	125.1505	*	14	125.1940a	*	14
125.1211a	*	14	125.1507	*	14	125.1941	*	14
125.1212	*	14	125.1508	*	14	125.1944	*	14
125.1213a	*	14	125.1601	*	14	125.1947	*	14
125.1214c	*	14	125.1602	*	14	125.1947a	*	14
125.1214d	*	14	125.1602a	*	14	125.1948	*	14
125.1214e	*	14	125.1603	*	14	125.1950	*	14
125.1214f	*	14	125.1604a	*	14	125.2001	*	14
125.1214g	*	14	125.1604b	R	14	125.2001a	A	14
125.1214h	*	14	125.1605	*	14	125.2003	*	14
125.1214i	*	14	125.1606	R	14	125.2005	*	14
125.1214j	R	14	125.1607	*	14	125.2005a	*	14
125.1214k	*	14	125.1608	R	14	125.2006	*	14
125.1214l	*	14	125.1701	*	14	125.2006a	*	14
125.1214m	R	14	125.1702	*	14	125.2006b	*	14
125.1214n	*	14	125.1702a	*	14	125.2007	*	14
125.1302	*	14	125.1704	*	14	125.2009	*	14
125.1310	R	14	125.1705	*	14	259.241	*	4
125.1320	R	14	125.1708	*	14	259.243	*	4
125.1401	*	14	125.1901	*	14	259.244	*	4

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
285.551.1	R	5	285.551.67	R	5	285.642.12	A	15
285.551.4	R	5	285.551.68	R	5	285.642.13	A	15
285.551.6	R	5	285.551.69	R	5	285.818.1	R	15
285.551.9	R	5	285.551.70	R	5	285.818.2	R	15
285.551.11	R	5	285.551.71	R	5	285.818.3	R	15
285.551.13	R	5	285.551.72	R	5	285.818.4	R	15
285.551.15	R	5	285.551.73	R	5	285.818.5	R	15
285.551.16	R	5	285.551.74	R	5	285.818.6	R	15
285.551.17	R	5	285.551.75	R	5	285.818.7	R	15
285.551.18	R	5	285.551.76	R	5	299.2903	*	5
285.551.19	R	5	285.551.77	R	5	299.2905	*	5
285.551.20	R	5	285.551.78	R	5	299.2911	*	5
285.551.21	R	5	285.551.79	R	5	299.2912	*	5
285.551.22	R	5	285.551.81	R	5	299.2916	*	5
285.551.23	R	5	285.551.83	R	5	299.2917	*	5
285.551.24	R	5	285.564.1	*	9	299.2918	*	5
285.551.25	R	5	285.564.2	*	9	299.2920	*	5
285.551.26	R	5	285.564.3	*	9	299.2922	*	5
285.551.27	R	5	285.564.4	*	9	299.2923	*	5
285.551.28	R	5	285.564.5	*	9	299.2924	*	5
285.551.29	R	5	285.564.6	*	9	299.2925	A	5
285.551.30	R	5	285.564.7	*	9	299.2925a	*	5
285.551.41	R	5	285.564.8	*	9	299.2926	*	5
285.551.42	R	5	285.564.9	R	9	299.2927	*	5
285.551.43	R	5	285.564.10	*	9	323.1171	*	1
285.551.44	R	5	285.564.11	*	9	323.1172	*	1
285.551.51	R	5	285.564.13	*	9	323.1173	*	1
285.551.52	R	5	285.642.1	A	15	323.1175	*	1
285.551.53	R	5	285.642.2	A	15	323.1180	*	1
285.551.54	R	5	285.642.3	A	15	323.1181	*	1
285.551.56	R	5	285.642.4	A	15	323.1174	R	1
285.551.58	R	5	285.642.5	A	15	323.2101	*	10
285.551.61	R	5	285.642.6	A	15	323.2102	*	10
285.551.62	R	5	285.642.7	A	15	323.2103	*	10
285.551.63	R	5	285.642.8	A	15	323.2104	*	10
285.551.64	R	5	285.642.9	A	15	323.2106	*	10
285.551.65	R	5	285.642.10	A	15	323.2108	*	10
285.551.66	R	5	285.642.11	A	15	323.2109	*	10

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
323.2111	R	10	323.2193	*	10	324.64	N	2
323.2112	*	10	323.2195	*	10	324.65	N	2
323.2114	*	10	323.3101	*	5	324.71	N	2
323.2115	*	10	323.3102	*	5	324.72	N	2
323.2117	*	10	323.3103	*	5	324.73	N	2
323.2118	*	10	323.3104	*	5	324.74	N	2
323.2119	*	10	323.3105	*	5	324.75	N	2
323.2121	*	10	323.3106	*	5	324.81	N	2
323.2122	*	10	323.3107	*	5	325.1471	R	19
323.2124	*	10	323.3108	*	5	325.1472	R	19
323.2125	*	10	323.3109	*	5	325.1473	R	19
323.2126	R	10	323.3110	*	5	325.1474	R	19
323.2127	*	10	324.1	N	2	325.1475	R	19
323.2128	*	10	324.2	N	2	325.2401	A	15
323.2130	*	10	324.3	N	2	325.2402	A	15
323.2131	*	10	324.21	N	2	325.2403	A	15
323.2133	*	10	324.22	N	2	325.2404	A	15
323.2134	*	10	324.23	N	2	325.2405	A	15
323.2136	*	10	324.24	N	2	325.2410	A	15
323.2137	*	10	324.31	N	2	325.2411	A	15
323.2138	*	10	324.32	N	2	325.2412	A	15
323.2139	*	10	324.33	N	2	325.2413	A	15
323.2140	*	10	324.41	N	2	325.2414	A	15
323.2141	*	10	324.42	N	2	325.2415	A	15
323.2142	*	10	324.43	N	2	325.2416	A	15
323.2145	*	10	324.51	N	2	325.2417	A	15
323.2146	*	10	324.52	N	2	325.2418	A	15
323.2147	*	10	324.53	N	2	325.2419	A	15
323.2149	*	10	324.54	N	2	325.2421	A	15
323.2150	*	10	324.55	N	2	325.2422	A	15
323.2151	*	10	324.56	N	2	325.2424	A	15
323.2153	*	10	324.57	N	2	325.2429	A	15
323.2154	*	10	324.58	N	2	325.2430	A	15
323.2155	*	10	324.59	N	2	325.2431	A	15
323.2159	*	10	324.59a	N	2	325.2434	A	15
323.2160	*	10	324.59b	N	2	325.2435	A	15
323.2161	*	10	324.59c	N	2	325.2436	A	15
323.2161a	A	10	324.59d	N	2	325.2437	A	15
323.2189	*	10	324.59e	N	2	325.2438	A	15
323.2190	*	10	324.61	N	2	325.2439	A	15
323.2191	*	10	324.62	N	2	325.2440	A	15
323.2192	*	10	324.63	N	2	325.2441	A	15

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
325.2442	A	15	325.10419	*	2	325.13202	*	7
325.2442a	A	15	325.10420	*	2	325.13205	*	7
325.2442b	A	15	325.10604a	*	2	325.13206	*	7
325.2442c	A	15	325.10605	*	2	325.13207	*	7
325.2443	A	15	325.10610	A	2	325.13208	*	7
325.2444	A	15	325.10610a	A	2	325.13209	R	7
325.2445	A	15	325.10610b	A	2	325.13211	*	7
325.2446	A	15	325.10610c	A	2	325.13212	*	7
325.2447	A	15	325.10611	A	2	325.13213	*	7
325.2448	A	15	325.10611a	A	2	325.13301	*	7
325.2651	*	18	325.10611b	A	2	325.13302	*	7
325.2653	*	18	325.10702	*	2	325.13303	*	7
325.2655	*	18	325.10704	*	2	325.13304	*	7
325.2659	*	18	325.10706	*	2	325.13305	*	7
325.10102	*	2	325.10707b	*	2	325.13306	*	7
325.10103	*	2	325.10719	R	2	325.13307	*	7
325.10104	*	2	325.10719a	*	2	325.13401	R	7
325.10105	*	2	325.10719d	*	2	325.13402	R	7
325.10106	*	2	325.10719e	A	2	325.13403	R	7
325.10108	*	2	325.10719f	A	2	325.13404	R	7
325.10109	*	2	325.10720	*	2	325.13405	R	7
325.10308b	*	2	325.10720a	A	2	325.13406	R	7
325.10401	*	2	325.10721	R	2	325.13407	R	7
325.10401a	A	2	325.11002d	*	2	325.13408	R	7
325.10402	*	2	325.11004	R	2	325.13409	R	7
325.10403	*	2	325.11008	*	2	325.13410	R	7
325.10404	*	2	325.11009	R	2	325.13411	R	7
325.10405	*	2	325.11502	*	2	325.13412	R	7
325.10406	*	2	325.11503	R	2	325.13413	R	7
325.10407	*	2	325.11505a	*	2	325.13414	R	7
325.10408	*	2	325.11506	*	2	325.13415	R	7
325.10408a	A	2	325.13101	*	7	325.13416	R	7
325.10408b	A	2	325.13102	*	7	325.13417	R	7
325.10409	*	2	325.13104	*	7	325.13418	R	7
325.10411	*	2	325.13105	*	7	325.13501	A	7
325.10412	*	2	325.13106	*	7	325.13503	A	7
325.10413	*	2	325.13107	*	7	325.13505	A	7
325.10414	*	2	325.13108	*	7	325.13507	A	7
325.10415	*	2	325.13109	*	7	325.13509	A	7
325.10416	*	2	325.13110	*	7	325.13511	A	7
325.10417	*	2	325.13111	*	7	325.13513	A	7
325.10418	*	2	325.13201	*	7	325.13515	A	7

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
325.13517	A	7	336.1201	*	12	338.2905	R	18
325.13519	A	7	336.1201a	*	12	338.2906	*	18
325.13521	A	7	336.1202	*	12	338.2906a	*	18
325.13523	A	7	336.1203	*	12	338.2908	*	18
325.13525	A	7	336.1204	*	12	338.2908a	A	18
325.13527	A	7	336.1205	*	12	338.2908b	A	18
325.13529	A	7	336.1206	*	12	338.2908c	A	18
325.13531	A	7	336.1207	*	12	338.2908d	A	18
325.13533	A	7	336.1212	*	12	338.2909	*	18
325.13535	A	7	336.1214a	A	12	338.2910	*	18
325.13537	A	7	336.1216	*	12	339.6001	*	17
325.13539	A	7	336.1219	*	12	339.6003	*	17
325.13541	A	7	336.1220	*	12	339.6039	A	17
325.13543	A	7	336.1240	*	12	339.6045	*	17
325.52501	A	6	336.1241	*	12	339.23101	*	5
325.52502	A	6	336.1278	*	12	400.5106	*	14
325.52503	A	6	336.1278a	A	12	408.43i	*	9
325.52504	A	6	336.1279	R	12	408.43s	A	9
325.52505	A	6	336.1281	*	12	408.801	*	1
325.52506	A	6	336.1282	*	12	408.802	*	1
325.70101	A	15	336.1284	*	12	408.803	*	1
325.70102	A	15	336.1285	*	12	408.806	*	1
325.70103	A	15	336.1287	*	12	408.813	*	1
325.70104	A	15	336.1289	*	12	408.814	*	1
325.70105	A	15	336.1299	*	12	408.821	*	1
325.70106	A	15	338.251	*	1	408.833	*	1
325.70107	A	15	338.252	*	1	408.834	*	1
325.70108	A	15	338.253	*	1	408.837	*	1
325.70109	A	15	338.254	*	1	408.838	*	1
325.70110	A	15	338.255	*	1	408.839a	*	1
325.70111	A	15	338.2503	*	18	408.841	*	1
325.70112	R	15	338.2504	*	18	408.843	*	1
325.70113	A	15	338.2505	*	18	408.844	*	1
325.70114	A	15	338.2506	*	18	408.852	*	1
336.1101	*	12	338.2507	*	18	408.876	*	1
336.1103	*	12	338.2507a	*	18	408.876	R	1
336.1106	*	12	338.2508	R	18	408.877	*	1
336.1114	*	12	338.2509	R	18	408.881	*	1
336.1116	*	12	338.2510	*	18	408.882	*	1
336.1118	*	12	338.2511	*	18	408.885	*	1
336.1119	*	12	338.2514	*	18	408.886	*	1
336.1122	*	5	338.2901	*	18	408.887	*	1

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R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
408.891	*	1	418.10107	*	4	432.21329	*	6
408.898	A	1	418.10108	*	4	432.21330	*	6
408.6202	*	14	418.10116	*	4	432.21331	*	6
408.6203	*	14	418.10117	*	4	432.21333	*	6
408.6208	*	14	418.10121	*	4	432.21334	*	6
408.6302	*	14	418.10202	*	4	432.21335	*	6
408.6303	*	14	418.10902	A	4	432.21336	*	6
408.6304	*	14	418.10904	*	4	432.21406	*	6
408.9002	*	14	418.10915	*	4	432.21407	*	6
408.9012	*	14	418.10916	*	4	432.21411	*	6
408.9019	*	14	418.10922	*	4	432.21413	*	6
408.31070	*	5	418.10923	*	4	432.21414	*	6
408.31087	A	5	418.10924	R	4	432.21415	*	6
408.31088	A	5	418.10925	*	4	432.21419	*	6
408.31089	A	5	418.101	*	4	432.21420	*	6
408.31090	A	5	418.1012	*	4	432.21501	*	6
408.41401	*	4	418.10121	*	4	432.21507	*	6
408.41405	A	4	418.1015	*	4	432.21510	*	6
408.41410	A	4	418.1015	A	4	432.21515	*	6
408.41454	R	4	418.1015	A	4	432.21516	*	6
408.41455	*	4	418.1015	A	4	432.21517	*	6
408.41456	*	4	431.2061	A	17	432.21518	*	6
408.41461	*	4	432.21101	*	6	432.21519	*	6
408.41462	*	4	432.21109	*	6	432.21521	*	6
408.41463	*	4	432.21201	*	6	432.21522	*	6
408.41464	*	4	432.21202	*	6	432.21601	*	6
408.41465	*	4	432.21204	*	6	432.21603	*	6
408.41466	*	4	432.21208	*	6	432.21604	*	6
408.41467	*	4	432.21301	*	6	432.21605	*	6
408.41471	*	4	432.21310	*	6	432.21606	*	6
408.41472	*	4	432.21312	*	6	432.21607	*	6
408.41474	*	4	432.21313	*	6	432.21608	*	6
408.41475	*	4	432.21314	*	6	432.21610	*	6
408.41476	*	4	432.21317	*	6	432.21611	*	6
408.41477	*	4	432.21318	*	6	432.21612	*	6
408.41478	*	4	432.21319	*	6	432.21614	*	6
408.41479	*	4	432.21321	*	6	432.21616	*	6
408.41481	*	4	432.21322	*	6	432.21617	*	6
408.41483	*	4	432.21324	*	6	432.21618	*	6
418.10104	*	4	432.21326	*	6	432.21619	*	6
418.10105	*	4	432.21327	*	6	432.21620	*	6
418.10106	*	4	432.21328	*	6	432.21621	*	6

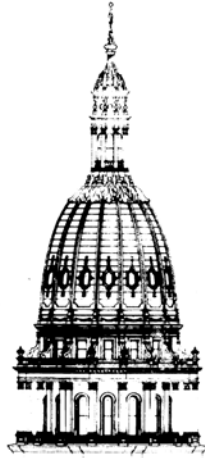
(* Amendment to Rule, A Added Rule, N New Rule, R Rescinded Rule)

R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue	R Number	Action	2003 MR Issue
432.21622	*	6	436.1051	*	10	460.20420	A	14
432.21623	*	6	436.1057	R	10	460.20421	A	14
432.21624	*	6	436.1060	A	10	460.20422	A	14
432.21710	*	6	436.1505	R	10	460.20423	A	14
432.21713	*	6	436.1951	*	10	460.20424	A	14
432.21714	*	6	436.1953	*	10	460.20425	A	14
432.21715	*	6	436.1955	*	10	460.20426	A	14
432.21716	*	6	436.1959	*	10	460.20427	A	14
432.21717	*	6	436.1963	*	10	460.20428	A	14
432.21720	*	6	436.2001	*	10	460.20429	A	14
432.21721	*	6	436.2011	*	10	460.20430	A	14
432.21801	*	6	436.2015	*	10	460.20431	A	14
432.21803	*	6	436.2017	*	10	460.20502	*	14
432.21804	*	6	460.481	N	18	460.20601	*	14
432.21805	*	6	460.482	N	18	460.20602	*	14
432.21806	*	6	460.483	N	18	460.20603	*	14
432.21807	*	6	460.484	N	18	460.20604	*	14
432.21808	*	6	460.485	N	18	460.20605	*	14
432.21809	*	6	460.486	N	18	460.20606	*	14
432.21810	*	6	460.487	N	18	484.401	A	7
432.21811	*	6	460.488	N	18	484.402	A	7
432.21812	*	6	460.489	N	18	484.421	A	7
432.21813	*	6	460.20201	*	14	484.422	A	7
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432.22005	*	6	460.20412	A	14	484.440c	A	7
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432.22008	*	6	460.20414	A	14	484.442	A	7
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436.1011	*	10	460.20416	A	14	484.444	A	7
436.1037	R	10	460.20417	A	14	484.445	A	7
436.1041	*	10	460.20418	A	14	484.446	A	7
436.1049	*	10	460.20419	A	14	484.451	A	7

(* Amendment to Rule, A Added Rule, N New Rule, R Rescinded Rule)

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484.453	A	7
484.454	A	7
484.455	A	7
484.456	A	7
484.457	A	7
484.458	A	7
484.459	A	7
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484.461	A	7
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